

TruePix TP0.9-I

0.9 mm pixel pitch, high-res indoor LED display



- **Smart engineering guarantees truly seamless outcomes**
- **High brightness, less energy consumption**
- **Smooth and efficient operations, 24/7**
- **Superb color accuracy and contrast, under all lighting conditions**
- **Reduced ecological footprint**
- **TÜV Eye Comfort certification**
- **Up to 10 years of dedicated service and support**

TruePix TP0.9-I is Barco's new flagship indoor high-resolution LED platform. The 27.5" inch tiles, with a 16:9 aspect ratio, have a pixel pitch of only 0.9 mm. TruePix is designed for control room, corporate and broadcast visualization applications and supports both environments exposed to ambient light and controlled lighting environments.

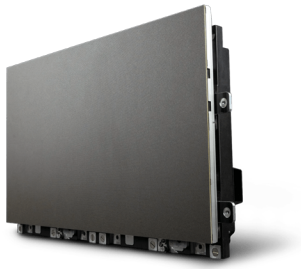
TP0.9-I is designed to be even more reliable, optimize the viewing comfort and reduce power consumption. With its 5 star rating TÜV Eye Comfort certification, a program under which products are evaluated on eye wellness, TruePix TP0.9-I can truly be used in 24/7 critical applications.

High brightness, low power consumption

The TP0.9-I benefits from the flip chip, 'common cathode' and IMD (4-in-1 pixel package) technology, making it more robust, energy efficient and further improves the black levels to reach a spectacular contrast. Another benefit is a higher brightness of more than 1800 nit (and in peak brightness over 2300 nit) which further enhances the contrast and detail of the displayed content. Power consumption is a lot lower than conventional solutions, doubling the energy efficiency.

Truly seamless outcomes

TruePix brings content to life as intended and ensures predictable, truly seamless outcomes, by combining smart engineering and Infinipix™ Gen2, the next generation of Infinipix™. Smooth and efficient operations are guaranteed 24/7, next to full peace of mind.



Barco TruePix' smart engineering introduces a unique mechanical concept for risk-free and precise installations, eliminating visual distortion. This unmatched seamlessness and flatness are achieved through guided module placement and self-leveling mounts. The next generation of Barco's proprietary Infinipix™ Gen2 guarantees full image integrity at any brightness level, together with superb color accuracy. It flexibly and automatically supports any content need while reducing eye fatigue.

Peace of mind at any time

Smooth and efficient operations are guaranteed 24/7 through uninterrupted data flows. Users can reduce the carbon footprint by using the EcoPower standby mode. Up to 10 years of dedicated service and support (ensuring a uniform viewing experience) to allow for peace of mind during the entire product lifetime.

Product specificaties**TRUEPIX TP0.9-I**

LED-tegels	
Pixelpitch	0.953
Pixels per module	640x360 (HxV)
Beeldverhouding	16:9
LED-levensduur	100.000h (video -50% brightness)
Helderheid	>1800 nit
Piekhelderheid	>2300 nit
Interne verwerking	23 bit
Kleurdiepte	16 bit (281 trillion colors)
Shaders	No
Controle	Infinipix™ Gen2
Vernieuwingssnelheid @60Hz	7.680 Hz
3D	3D Supported
Framesnelheid	24 -144 Hz
Hor. kijkhoek	160° +/-5°
Vert. kijkhoek	160° +/-5°
Uniformiteit van de helderheid	>98%
Dimmen	0-100%
Contrast	>20,000:1
Energieverbruik	488 W/m ² (max) 102 W/Tile -Standard mode 699 W/m ² (max) 146 W/Tile -High mode 267 W/m ² 56W/Tile (typ)
Warmteafvoer	1665 BTU/h/m ² (max) -Standard mode 2384 BTU/h/m ² (max) -High mode 911 BTU/h/m ² (typ)
Plafondconfiguraties ondersteund?	Yes
Warmteafvoer voor/achter	54%/46%
Bedrijfsspanning	AC power: 100-240V 50/60Hz DC power: Input: 36-55Vdc 16A (max.) Output: 36-55Vdc 10.72A/36V (max.) or 12.55A/55V (max.)
Operationele vochtigheid	10 -80%
Operationele temperatuur	-10°C to +40°C / 14°F to 104°F
Opslagtemperatuur	-20°C to +60°C / -4°F to 140°F
Vochtigheid bij opslag	10 -80%
Redundantie	Power: Optional Data: Standard inter-tile redundancy Embedded signal loop redundancy Optional N + N redundancy
HDR	HLG / HDR10 supported
Concave kromming	Up to 5° standard curved tile (7m radius) Up to 5° curved modular tile (3,5m radius)
Convexe kromming	Up to 3° standard curved tile (12m radius)
Dimensies	(WxHxD) 609.92x343.08x94mm / 24.01"x13.5x3.70"
Gewicht	Standard / curved tiles: 8.3kg/tile (single PSU) / 8.7kg/tile (dual PSU) Modular curved tiles: 9.1kg/tile (single PSU) / 9.5kg/tile (dual PSU)
Onderhoudsgemak	Full front & full back service Modular curved tile: Full front & full back service (PSU only back access)
Kabelbeheer	No external cabling
Installatie	Self-leveling with surface tolerance compensation
Vervangen Module	Automated parallel motorized extraction
Plaatsen Module	Guided module placement
Ergonomie	SteadyView™ driver algorithm to reduce eye fatigue
Certificeringen	CE, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantie	3 years
EssentialCare-serviceaanbod	10 years with LED batch compatible modules

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